



Regenerative Stream Conveyance (RSC) Construction Training Agenda

National Arboretum, Washington, DC
Administrative Building
3501 New York Ave NE, Washington, DC 20002
November 14-15, 2018

To facilitate informative dialogue, this workshop has been formatted into longer sessions with multiple presenters who will share the allotted time. Attendees are encouraged to engage presenters with relevant questions during their presentations to deepen their knowledge, gain clarity and collaboratively explore solutions to challenges.

WEDNESDAY, NOVEMBER 14, 2018

8:30-9:00 REGISTRATION

9:00-9:05 WELCOME, *Kate Fritz, Alliance for the Chesapeake Bay*

9:05-10:20 SESSION 1: STREAM FUNCTIONS AND RSC DESIGN

Introduction and RSC as a Tool to Protect and Restore the Natural Landscape
Kevin Smith, Maryland Department of Natural Resources

Hydrology 101
Joe Arrowsmith, Straughan Environmental

Physicochemical Processes in a Stream
Tom Jordan, Smithsonian Environmental Research Center

RSC Design Elements to Establish Regenerative Conditions
Doug Streaker, Biohabitats

10:20-10:30 BREAK

10:30-12:00 SESSION 2: CONSTRUCTION TECHNIQUES

Site Prep to Protect, Restore and Establish Regenerative Conditions
Donna An, Actaeon

RSC Installation Techniques and Adaptive Management Practices
Chris Becraft, Underwood and Associates

12:00-1:00 LUNCH

1:00-3:00 SESSION 3: ON-SITE FIELD TRIP TO SPRINGHOUSE RUN RESTORATION



THURSDAY, NOVEMBER 15, 2018

8:30-9:00 REGENERATIVE SHOT o' CAFFEINE

9:00-9:50 SESSION 4: CONTRACTING TO SUPPORT SUCCESSFUL RSC CONSTRUCTION AND CAPITALIZE ON EFFICIENCIES

Estimating Construction Quantities - Contractors

Speakers (Joe Arrowsmith, Straughan Environmental and Doug Streaker, Biohabitats)

Needs and Wants of Project Sponsors/Owners

Josh Burch, District Department of Energy and Environment

10:00-12:30 SESSION 5: OFF-SITE FIELD TRIP AND EXERCISE AT PARK DRIVE OUTFALL AND ALGER PARK

Preconstruction photos of Park Drive and Alger Park restorations prior to departing

1. Park Drive restoration (Biohabitats)
2. RSC group exercise at unrestored outfall at Park Drive (Actaeon and MD DNR)
3. RSC at Alger Park (DOEE)

Return to Arboretum and groups share results from RSC exercise

12:30 ADJOURN